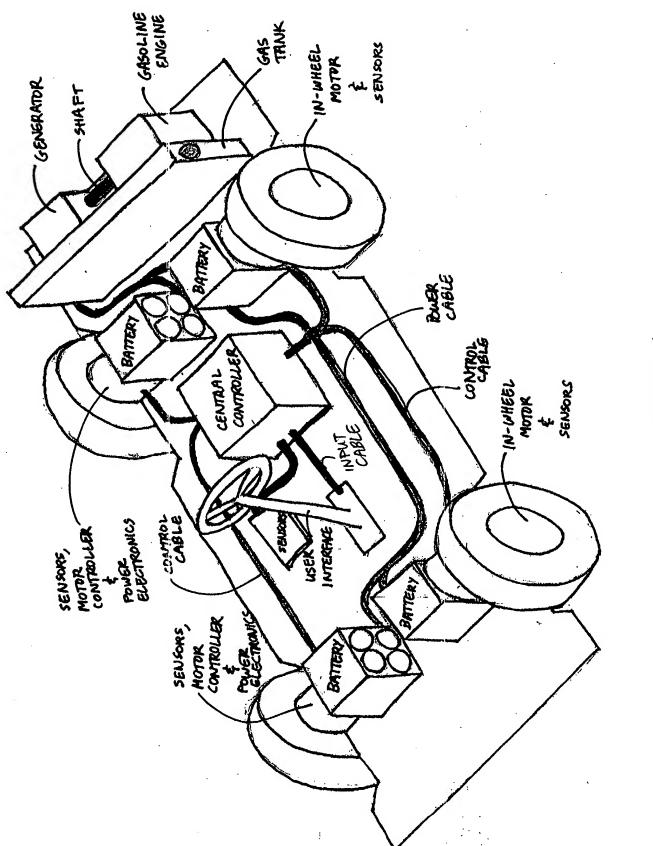
Docket No.: 544092000122

App No.: Not Yet Assigned [Inventor: Boris MASLOV et al. e: AN ADAPTIVE ELECTRIC CAR



FIGURE

App No.: Not Yet Assigned Inventor: Boris MASLOV et al. e: AN ADAPTIVE ELECTRIC CAR

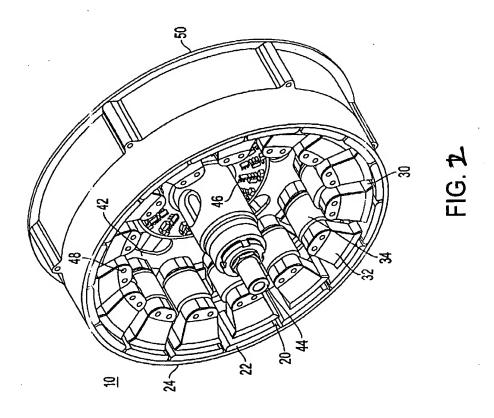
Docket No.: 544092000122

U.S. Patent

Sep. 9, 2003

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App No.: Not Yet Assigned [Inventor: Boris MASLOV et al.
Title: AN ADAPTIVE ELECTRIC CAR

Docket No.: 544092000122

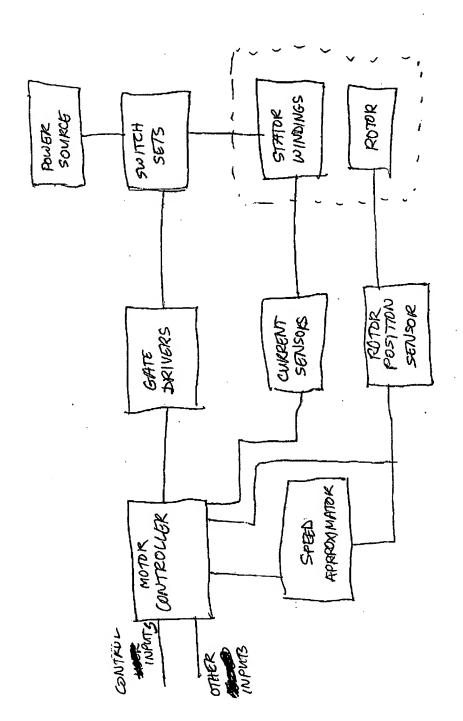


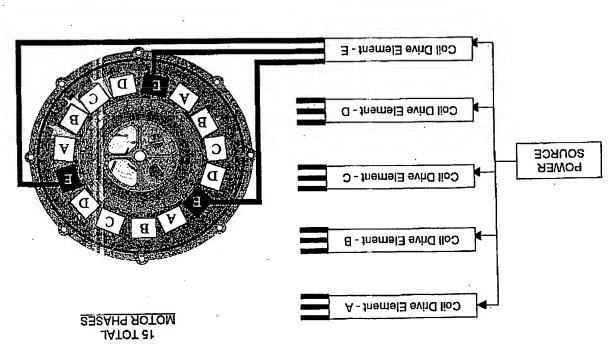
FIGURE 03

Docket No.: 544092000122

Inventor: Boris MASLOV et al. App No.: Not Yet Assigned

Title: AN ADAPTIVE ELECTRIC CAR

## WULTI-COIL DRIVERS **2 COWWON**

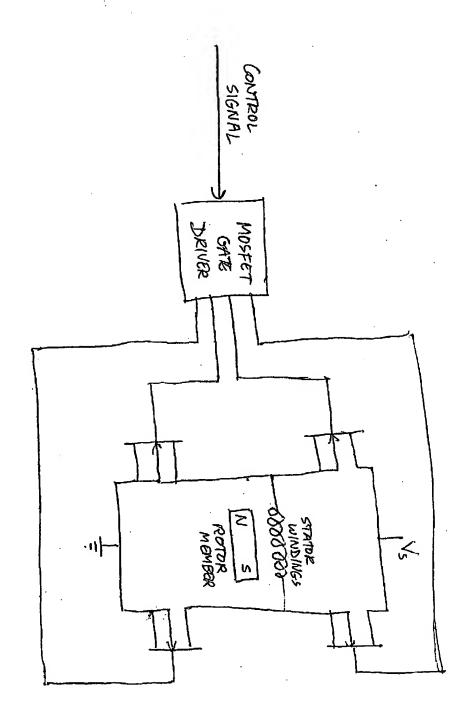


12 MECHANICAL PHASES

3 PARALLEL OUTPUTS PER ELEMENT S ELECTRICAL PHASES



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App No.: Not Yet Assigned
Inventor: Boris MASLOV et al
Title: AN ADAPTIVE ELECTRIC CAR

Sounds SOURCE BURCE O SIGNAL STANDARD CONTRACTOR CONTROLLER FIGURE \$6 CONVERSE **ENERGY** CONVUERTER CON VERTER MECHANICAL MECHANICAL Bower ASK O

App No.: Not Yet Assigned Inventor: Boris MASLOV et al.
Title: AN ADAPTIVE ELECTRIC CAR PERFORMANCE ALGERITHMS FAULT WORKAROUDS (FAULT WORKAROUDS) ADAPTATION & OPTIMIZATION (POR EACH MOTOR SYSTEM) KNOWLEDGE BASE OUTPUTS TO CONTROL - Wareform profile - Regenerative bratility - Wheel rotation dive MOTOR CONTROL - Motor tought - Motor speed waveporm לשטניו על WORKAROUNDS CONTROL (FOR VEHICLE) ADAPTATION & OPTIMIZATION Docket No.: 544092000122 FAWAT - External lists - Heating and veutlation - Air condition - Generator OUTPUTS ALGORITHMS H ANDUING DISPLAY TO DRIVER - Fuel remaining
-Batter, stake Actions
- Navigation info -Vehide speed -Distance travdo PERFORMANCE ALGORITHMS ourputs SPECIFICATIONS CONTROLLER - Swith contrals Figure GENTRAL VEHICLE - Stewing - Acceleration DRIVER INPUTS - Braking PROFILES JRIVING ( - Three-dimensional (FOR VEHICLE) vedous (yaw) - Acceleration - Vehicle speed SENSOR INPUTS ( INFORMATION MAVIGATION (FOR EACH MOTOR) - Mathar natar posthi - wheel relation - Fault detection SENSOR INPUTS - Barton Current - Wheel slip The

Docket No: 544092000122

App No.: Not Yet Assigned Inventor: Boris MASLOV et al. ...e: AN ADAPTIVE ELECTRIC CAR

